MiGEAR®

Extreme X

720P ACTION CAMERA

User Manual

MODEL: MGOVS007

Please read this instruction manual carefully before connecting or operating the product, and save it for future reference

CONTENTS PAGE

Contents Page	1
Introduction	2
Safety Instructions	2
Important Safety Precautions	4
Product Specification	5
Contents	6
Getting to know your Camera	7
Using the Action Camera	9
Action Camera Operation	10
Webcam function	20
Using the Mounting Accessories	21
Downloading files to your Computer	24
Troubleshooting	31

INTRODUCTION

Congratulations on the purchase of your new Action Camera.

This manual contains important safety and operating information. Please read all the information carefully before you use the device to avoid accidents and keep it for future reference. Follow these important safety and operation instructions.

SAFETY INSTRUCTIONS

- The Action camera shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed over the product. Dry location use only.
- Keep the camera clean. Never store it next to a heat source or in dirty, humid or wet places. Keep it out of direct sunlight.
- Press the screen and buttons gently. Pressing too hard

can damage the product.

- Do not use the camera in an extremely dry environment.
- Do not put the camera in high temperature places (over 40°C), especially not in a car with the windows closed in summer.
- Do not subject the camera to harsh impacts. Do not drop the unit to avoid damage.
- Do not attempt to dismantle or repair this camera yourself. Qualified personnel should perform repairs.
- Disconnect the camera from the power source before cleaning.
- Use a dry soft cloth to clean this camera.
- This product is not intended for commercial use. Household/personal use only.
- Do not disassemble this unit. To prevent the risk of electric shock, do not remove the cover. No

user-serviceable parts inside. Refer servicing to qualified personnel.

- The USB cord for the device should be unplugged from the computer when the unit is left unused for a long period of time.
- Do not subject the product to harsh impacts. Do not drop the appliance. This may result in damage to the product.

IMPORTANT SAFETY PRECAUTIONS

In order to prevent program failure, never disconnect the product suddenly from a PC while file transferring is in progress.

Disconnect the appliance from PC when cleaning. Use a dry soft cloth to clean this appliance. Do not dismantle the product or use alcohol, thinners or benzene to clean the surface of the product.

Attention: We have done our best to produce a complete and

accurate manual. However, we cannot ensure that there are no errors or omissions during the printing process.

PRODUCT SPECIFICATION

- 1.3MP CMOS sensor
- Still Image Resolution: 5M (2592×1944), 3M (2048×1536), 1M(1280×1024)
- Video Resolution: VGA: 640x480 (60 frames/second), 720P:1280x720 (30 frames/second)
- 4 x digital zoom
- 120 degree lens
- File Format JPEG, AVI
- 5.08cm (2.0’)-inch touch screen
- Expandable Micro SD Slot up to 32GB
- High-speed USB 2.0 interface
- Built-in 3.7V rechargeable lithium battery
- Operation Temperature: 5°C to 40°C

- Storage Temperature: 15°C to 40°C
- Works with Windows 7, Windows 8, Vista and XP

NOTE: As a result of continual improvements, the design and specifications of the product within may differ slightly from the unit illustrated on the packaging.

CONTENTS

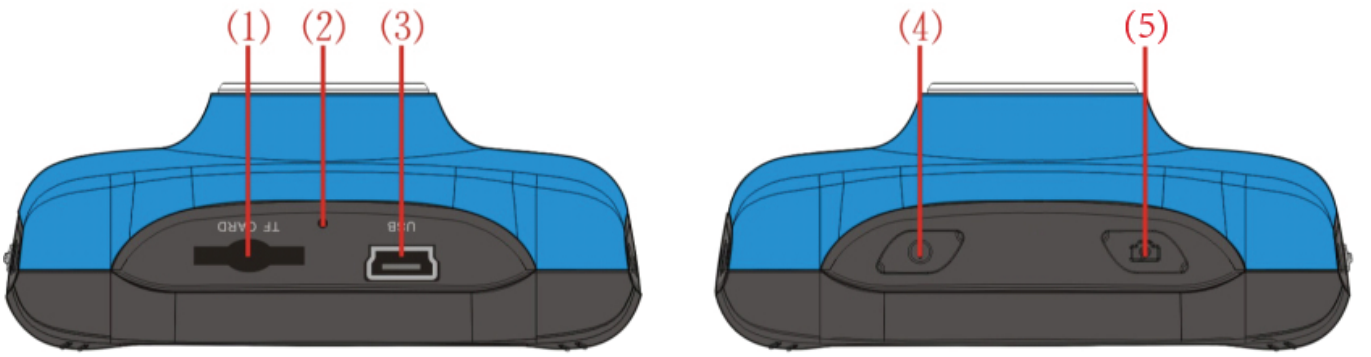
Please make sure that the items shown below are included in the package. Should an item be missing, please contact the local retailer from which you purchased this product

1.	Action Camera	1 piece
2.	Adaptor Bracket	1 piece
3.	Waterproof Case	1 piece
4.	Helmet Mount	1 piece
5.	Bike Mount	1 piece
6.	Helmet Strap	1 piece
7.	Car Windshield Mount	1 piece

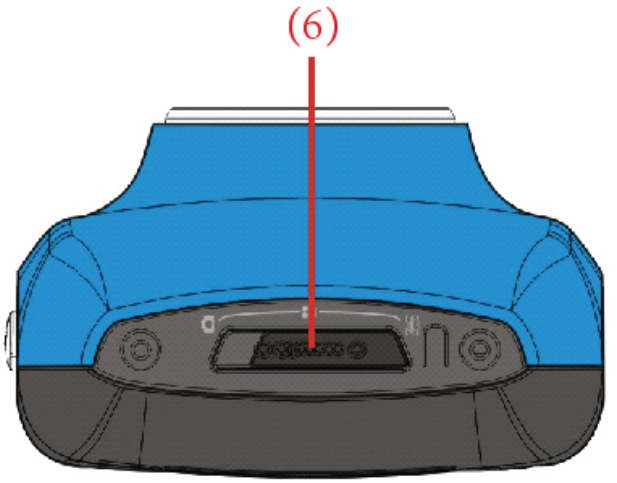
8.	User Manual	1 piece
9.	USB Cable	1 piece

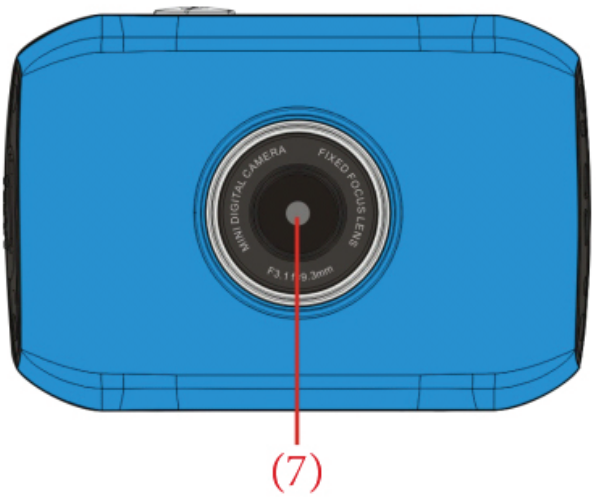
GETTING TO KNOW YOUR CAMERA

DEVICE OVERVIEW

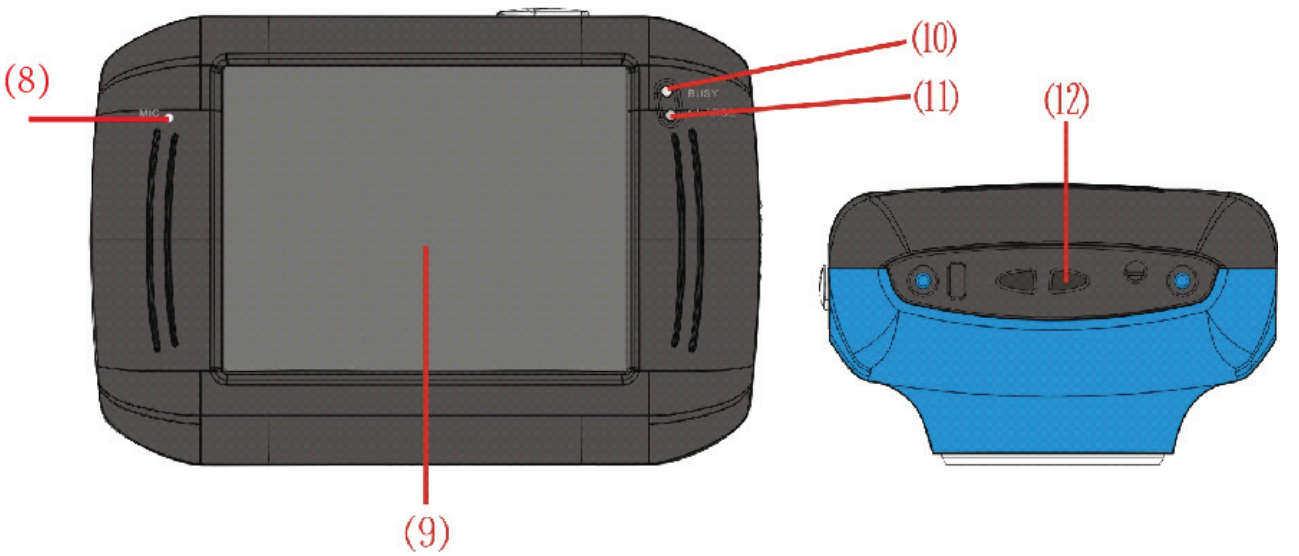


1. Memory Card slot	4. Power button
2. Reset hole	5. Shutter button
3. USB slot	





6. Mode Switch	10. Working Indicator Light
7. Lens	11. Indicator Light for charging
8. MIC	12. Wrist Strap Eyelet
9. LCD TFT	



MINIMUM SYSTEM REQUIREMENTS

Your computer system must meet the following minimum specifications:

Microsoft Windows2000, XP, Vista, 7

Intel Pentium III of more than 800MHz or other CPU with equivalent performance

Larger than 512MB RAM

Free space of more than 500MB

One standard USB1.1 or USB2.0 port

USING THE ACTION CAMERA

BATTERY OPERATION

1. Make sure the action camera is turned off.
2. To charge the internal battery, connect the action camera with the USB cable provided to a computer.
3. The charging indicator will light up when charging.

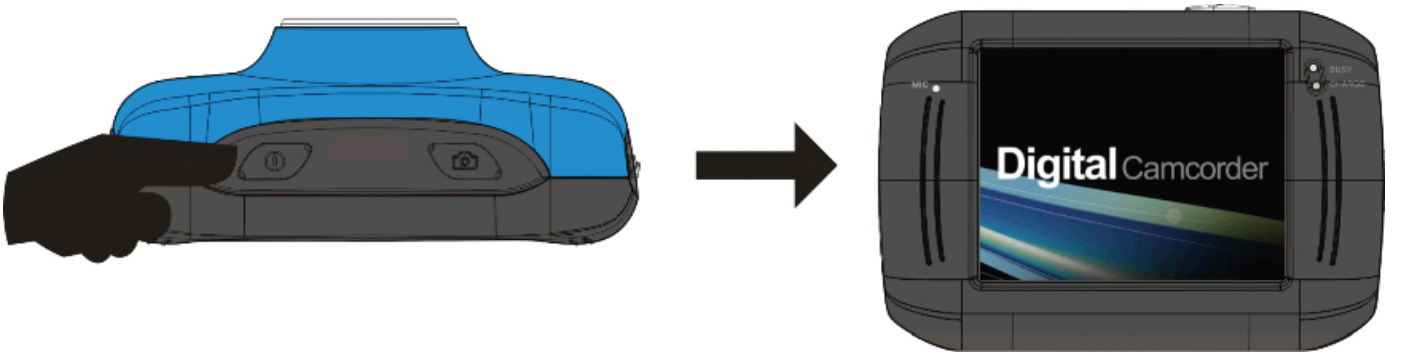
4. The battery will become fully charged after 2-4 hours.

5. Once fully charged the charging indictor will disappear.

ACTION CAMERA OPERATION

START-UP/SHUTDOWN

Press and hold POWER button for 2 seconds, the screen will light up and the camera is on.



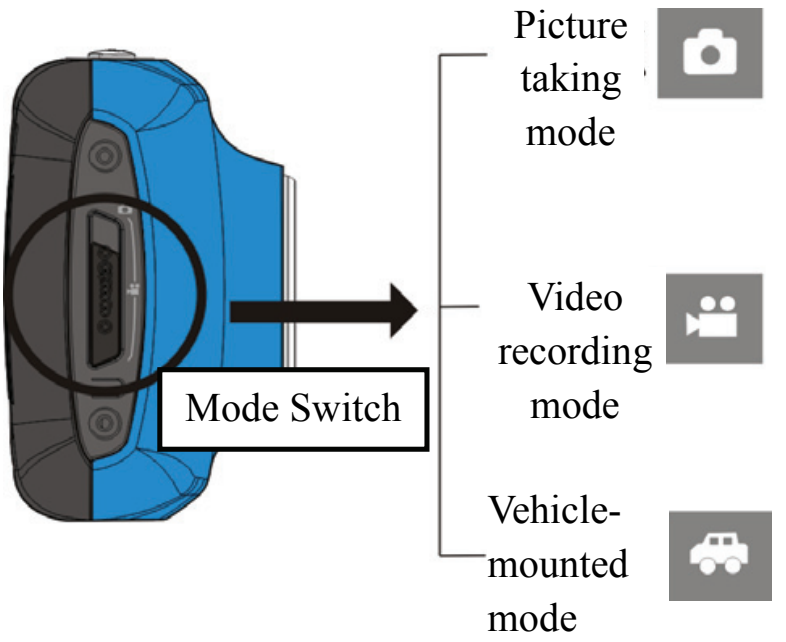
Press the POWER key to shut down the device.

When the Action Camera has been idle (not recording) for 5mins the camera will automatically shut down. If the camera is recording after 2min the camera will go into power save mode.

Note: The device will shut down when the power of the battery is insufficient; the LCD display screen will display the low power icon. Please charge it in time. When the indicator light turns red and flickering, the video camera will be shut down automatically.

MODE SELECTION

There are three different modes available for this action camera. Picture taking mode, video recording mode and vehicle-mounted mode.

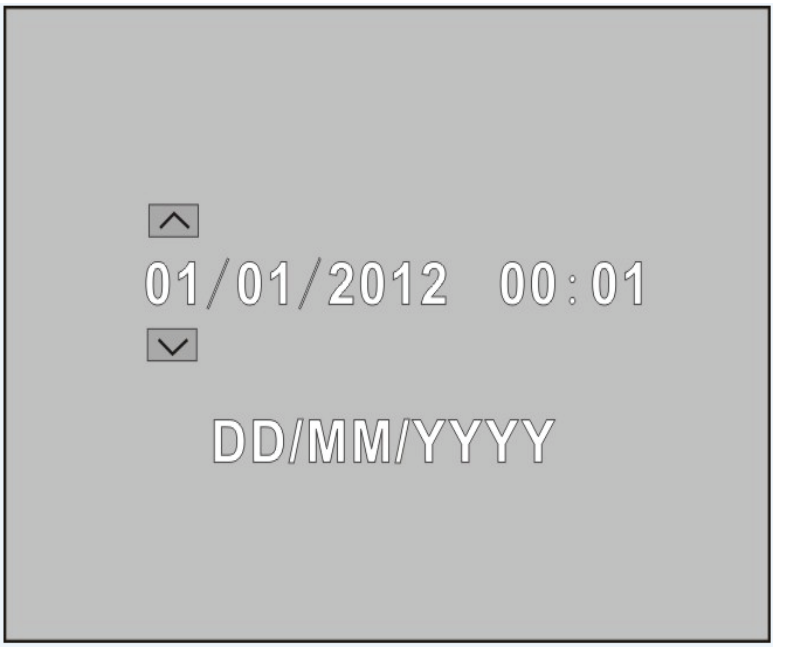


SETTING DATE AND TIME

The date and time can be set in all three modes.

1. To set the date and time, press the SET icon in any modes.

2. The following screen will appear, press the up or down arrow key to adjust the dates/time. To select the different field press the screen where the different section of the date/time is located.



INDICATOR LIGHT

There are two indicator lights “busy” and Charging”.

Busy light: when the camera is busy (such as, recording a film, taking photos, automatic off-screen), the busy light will be on.

Charging light: when the light is on for a long time, it prompts the user that the camera is charging

VIDEO RECORDING MODE

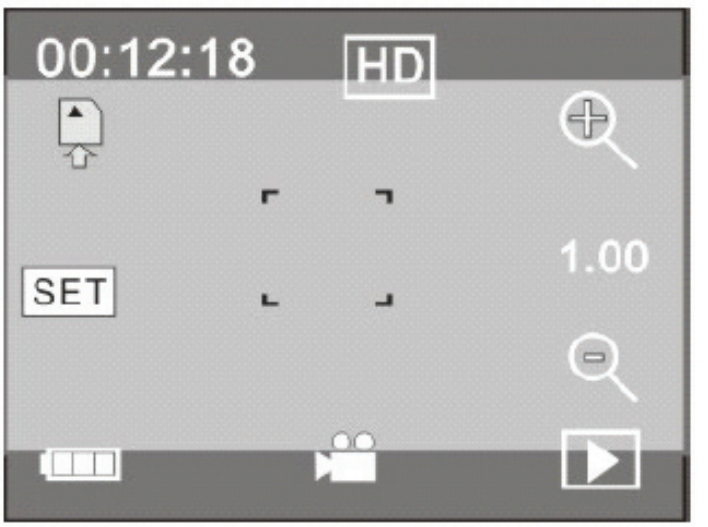
1. When the mode switch is turned to video recording mode, press the Shutter button once or Press the LCD centre once to

begin recording under previewing state.

2. Press the shutter button once again if you want to stop recording and the camera will also stop recording automatically when the memory card is full or the power is insufficient.

VIDEO RECORDING SCREEN

When in Video Recording mode, the below screen will show.



00:12:18: Timer means that video recording can still last for 12 minutes and 18 seconds.

: Mode icon represents that the video camera is in video recording mode.

: Videoing size, press this icon and you can choose HD 720P/640 VGA.

: SD card icon shows that the memory card is inserted at present.

: Digital zoom out, Press to zoom out.

: Digital zoom in, Press to zoom in.

: Visual shutter, touch this visible frame for taking photos or recording.

: Battery icon represents the power status of the battery.

: Zoom indictor represents the status of digital zoom.

: Playback icon, Press this to switch to the playback mode.

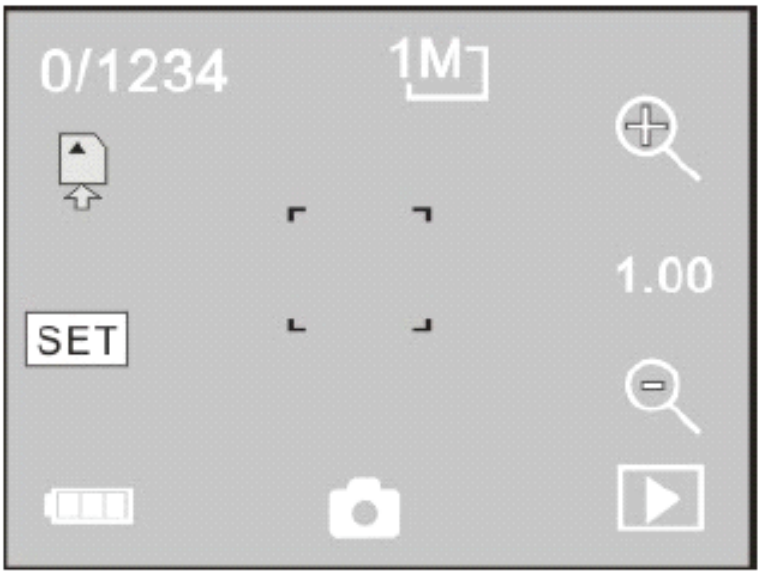
: Press to set time and date.

PICTURE TAKING MODE

Switch the mode switch into the Picture taking mode, press the shutter button or Press the LCD centre once under the previewing state to take a photo.

PICTURE TAKING SCREEN

When in Picture mode, the below screen will show.



0/1234: Photo Counter, indicating current number of photos taken already /number of photos to be taken.

: Mode icon, indicating that the camera is in photo taking mode.

: Image Size: Press this icon to select the photo resolution from 1M/3M/5M.

: SD card icon shows that the memory card is inserted at present.

: Digital zoom out, Press to zoom out.

: Digital zoom in, Press to zoom in.

: Visual shutter, touch this visible frame for taking photos or recording.

: Battery icon indicates the power status of the battery.

: Zoom indictor represents the status of digital zoom.

: Playback icon, Press this to switch to the playback mode.

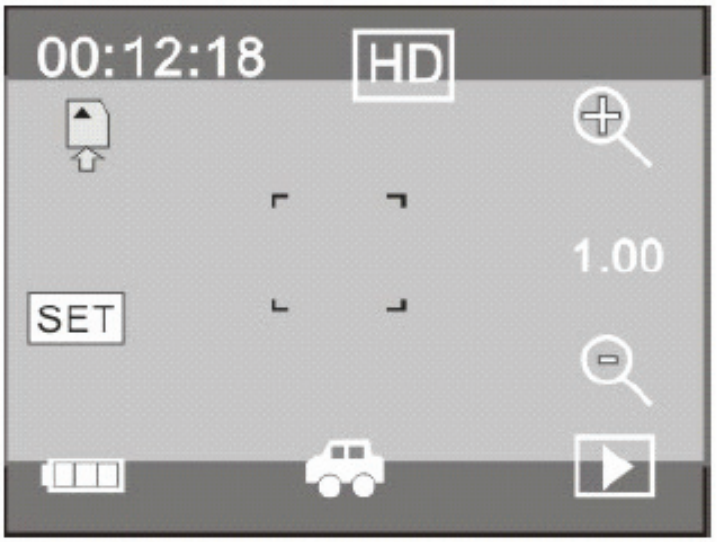
SET : Press to set time and date.

VEHICLE-MOUNTED MODE

Turn the mode switch to vehicle-mounted mode, press the shutter button or Press the LCD centre once under the preview state to begin recording.

A video file will be saved after 5 minutes of recording and then a new file will be created for the next 5 minutes. When the storage card is full, the earliest video will be deleted to release the corresponding space for continuous recording.

Note: Camera cannot be charged when in car mode, if charge cable is attached camera will go to MSDC or PC Cam mode.



Note: the screen will be off automatically during recording process in order to save power; user can press the power button shortly to start the screen and restore display.

PLAYBACK MODE

To select Playback Mode:

1. Turn on the camera.

2. Press the Playback icon ( ) at the lower right corner of the LCD to switch to the playback mode.

Once in Playback Mode the screen will show the below.

AVI : Represents that the current file is an AVI video file.

1/1 : Represents that there is one file in the current folder/one file in total.

: Switch between files taken in camera mode and vehicle mount mode.

: View the next file.

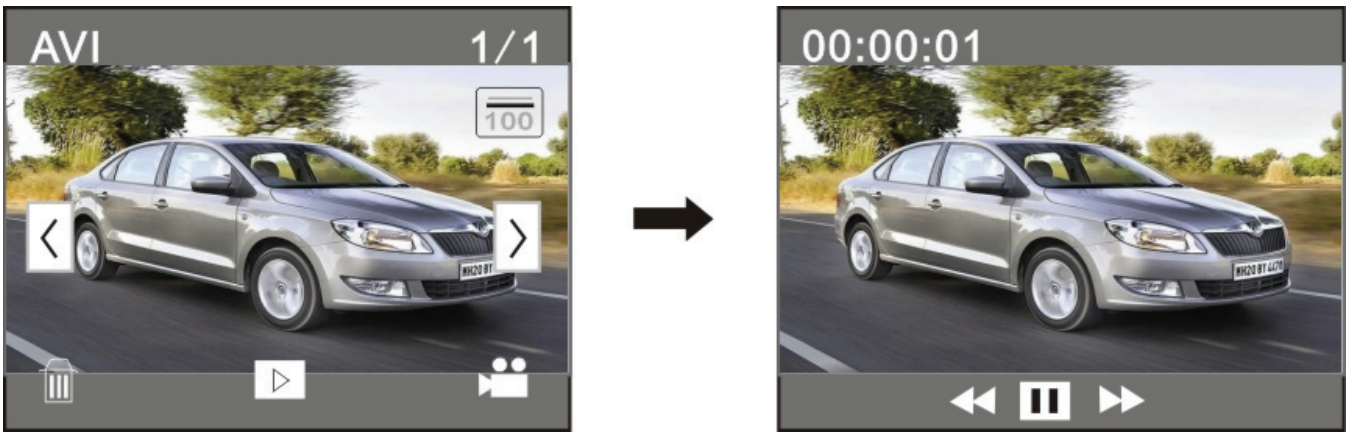
: View the previous file.

: Delete Current file.

: Play the current movie clip.

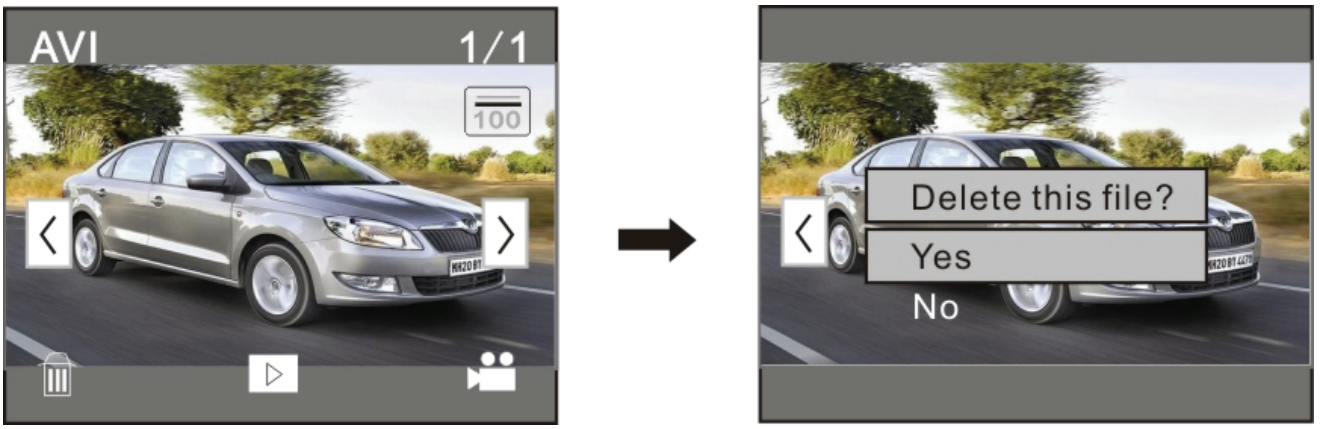
: Go back to recording mode.

7.2 Movie clips playing:



Press , it will stop playing, Press to forward, and Press to backward.

7.3 File deletion:



Press YES to delete the current file immediately, or Press NO to cancel the request of deletion.

WEBCAM FUNCTION

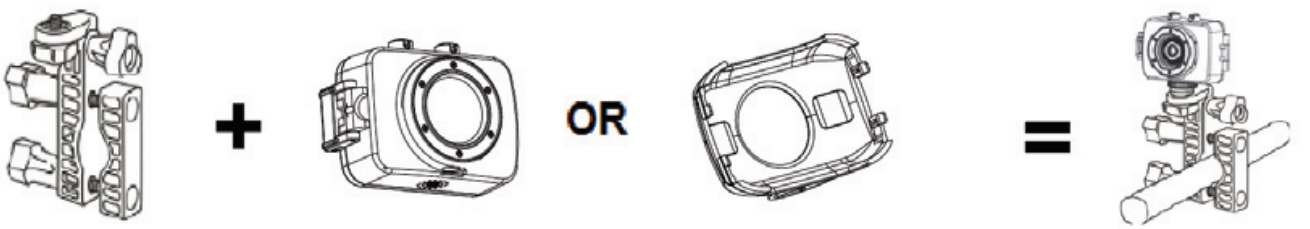
The action camera can work as a webcam when connected to a computer via USB.

To use the PCCAM mode, Connect the device to the computer with USB when turned on, then it will be switched into the MSDC mode. Press the shutter button while in MSDC mode to go to the PCCAM mode.

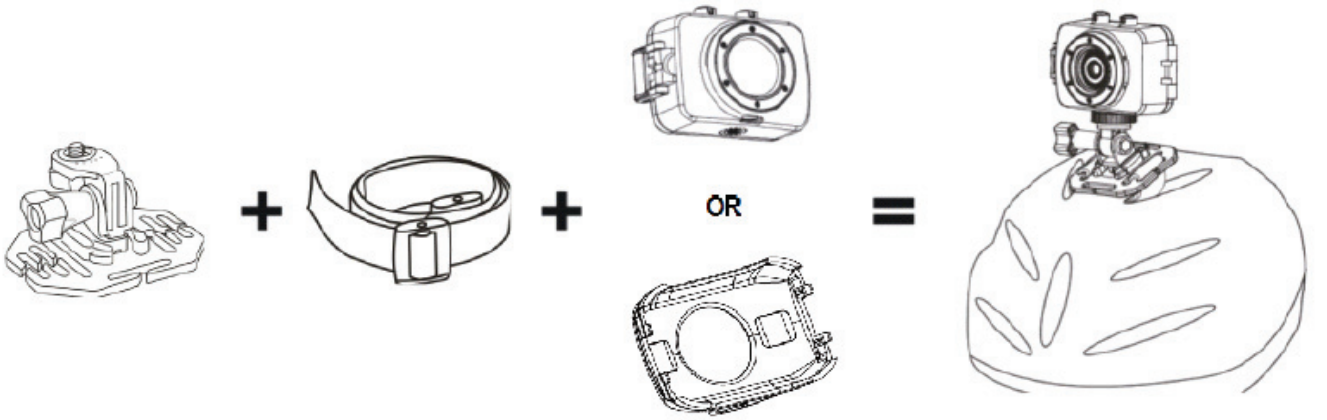
USING THE MOUNTING ACCESSORIES

The adaptor bracket or the waterproof case will need to the Camera first to be able to use the mounts.

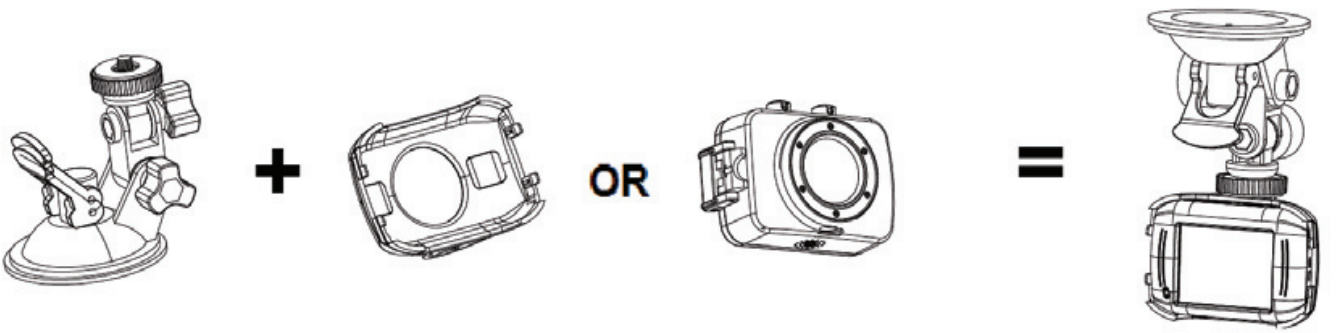
To use the bike mount first loosen the screw and place the mount on the bike. After tightening the mount screw, secure the camera on the mount with bracket or the waterproof case attached to it.



To use the helmet mount first install the Helmet strap on the mount and bond it on the helmet tightly. Then secure the camera on top of the mount.



To use the suction cup mount firstly secure the camera on the mount then place at desired position. Lock the mount in place by flipping the lock on top of the suction cup.



The recording angle of the camera can be adjusted on all mounting accessories by loosening the angle screw first, and then tightening the screw again when at the desired position.

WATERPROOF CASE CARING INSTRUCTIONS

Before sealing the waterproof case, keep the camera housing's rubber seal clean, a single hair or grain of sand can cause a leak. You can test by closing the case without inserting the camera. Submerse the case completely in water for about a minute. Remove the case from the water, dry off its exterior with a towel, and then open the case. If the entire interior is dry, the case is safe for use under water.

After every use in salt water you will need to rinse the outside of the housing with non-salt water and dry. Not doing this can eventually cause corrosion of the hinge pin and salt build-up in the seal, which can cause failure.

To clean the seal, rinse in fresh water and shake dry (drying

with a cloth may cause lint to compromise the seal). Re-install the seal into the grooves in the backdoor of the housing.

DOWNLOADING FILES TO YOUR COMPUTER

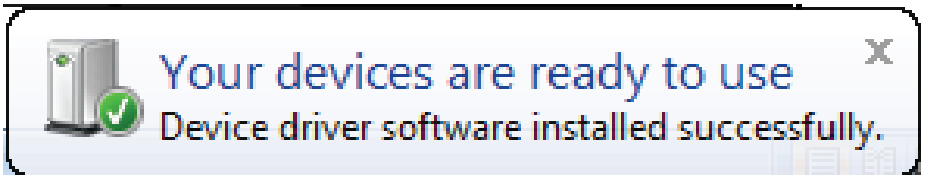
The camera is provided with the plug and play function.

Connect the device to the computer with the USB turn-on camera and then it will be switched into the MSDC mode.

To download image and video files from you digital video camera, connect the camera to your computer. The USB connection on the camera is below the micro SD Slot, connect the USB from here to the PC/Laptop.

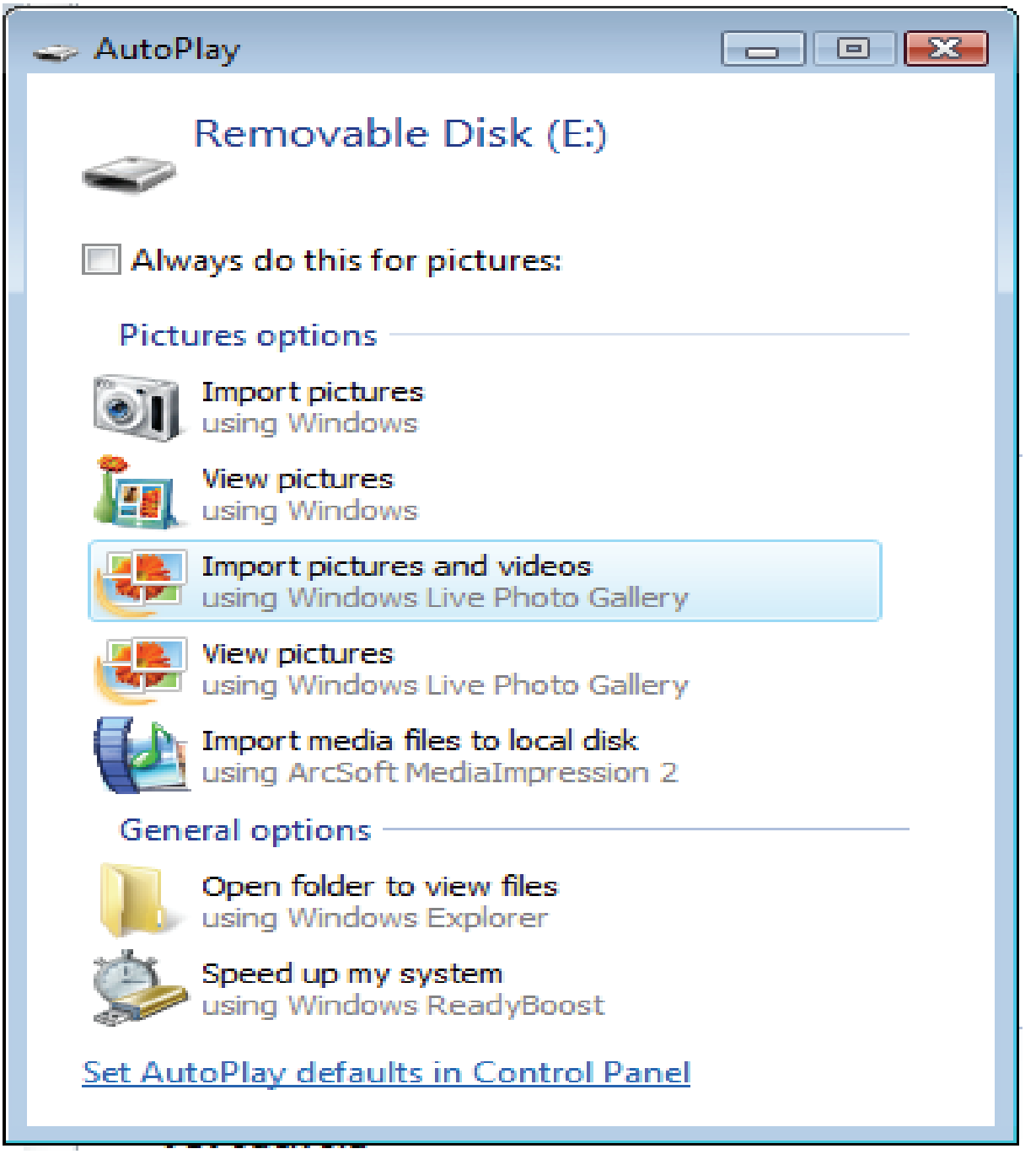
1. First time connection the driver will be installed automatically and the below would appear on screen.

2. Once installed the below will be appear.

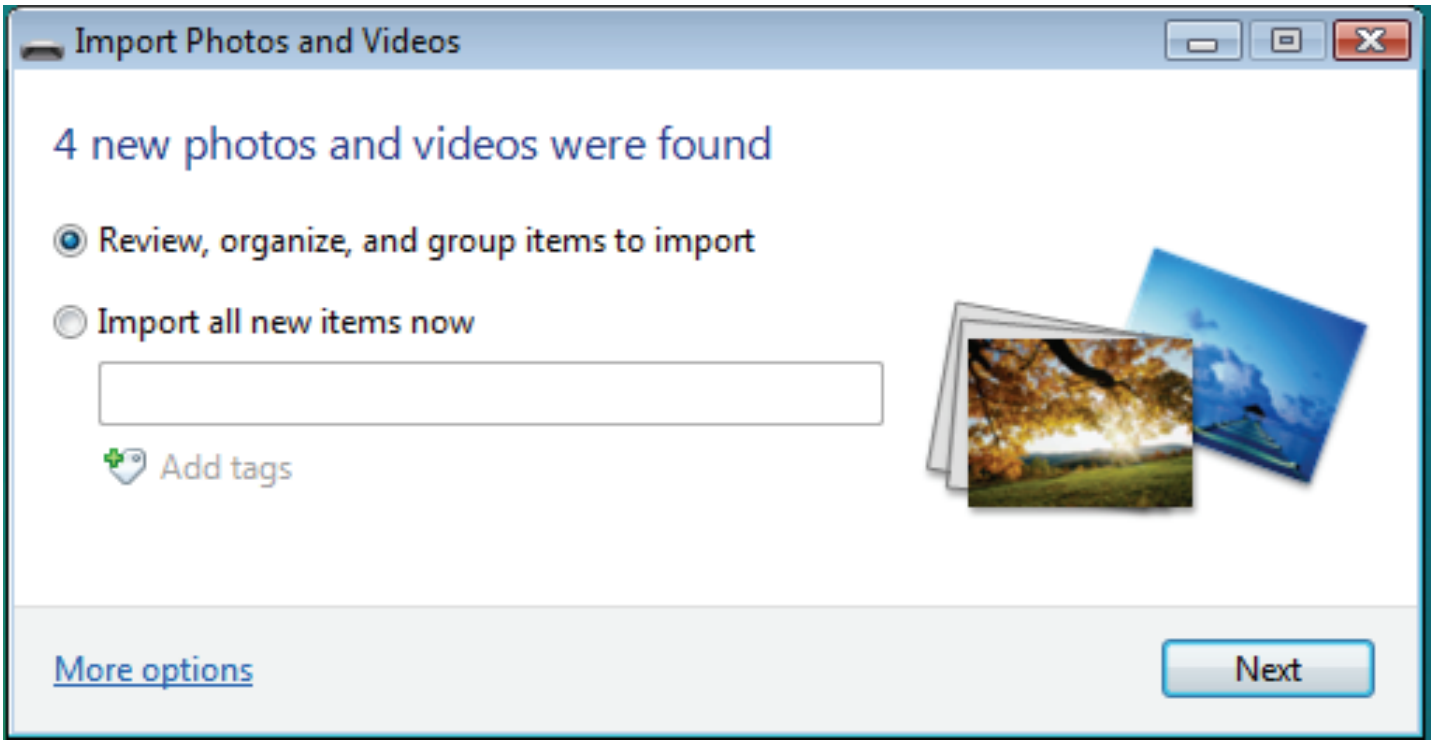


3. The removable disk icon should be displayed on screen. The following menu will appear on your computer.

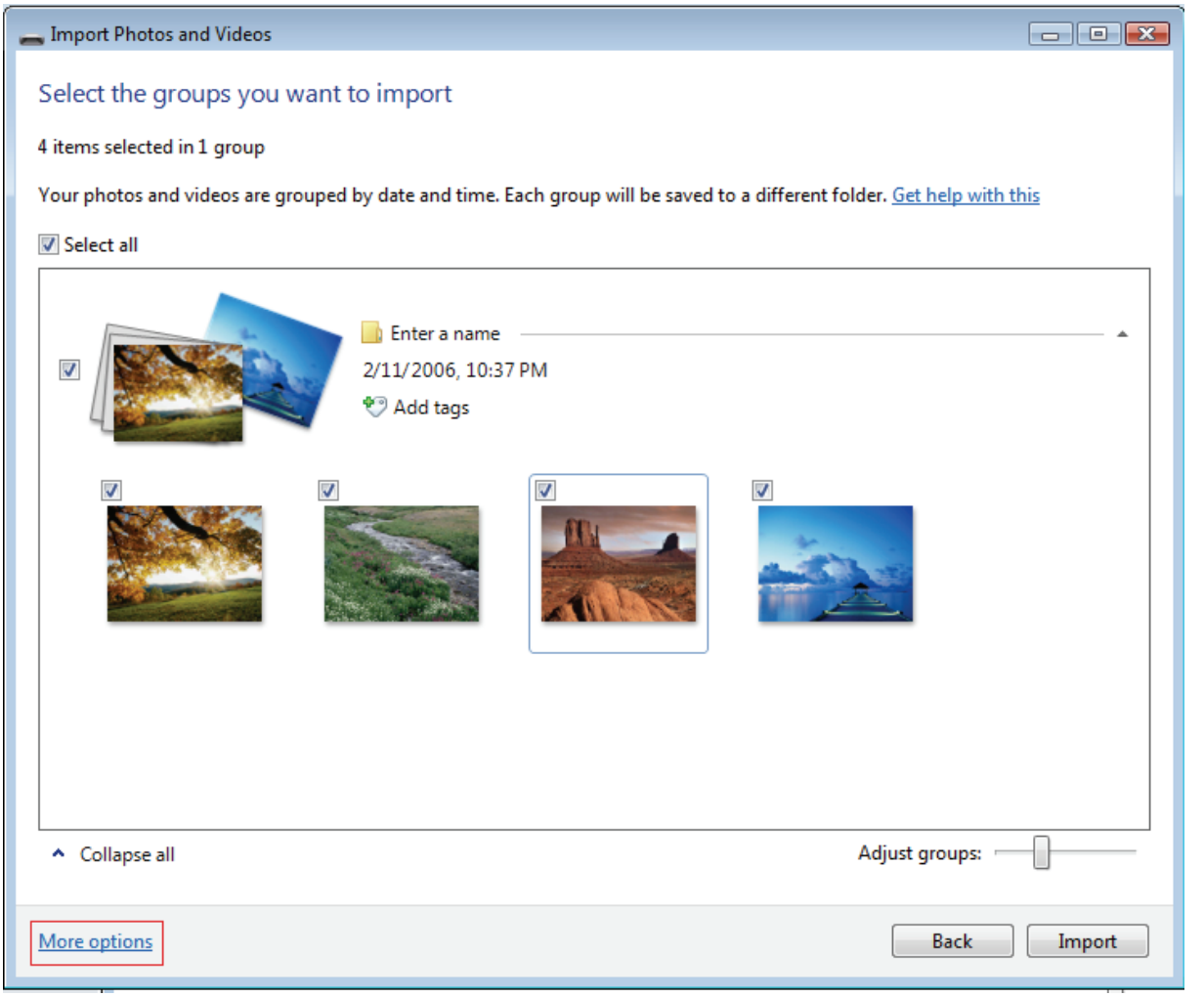
Press on “Import pictures and videos”.



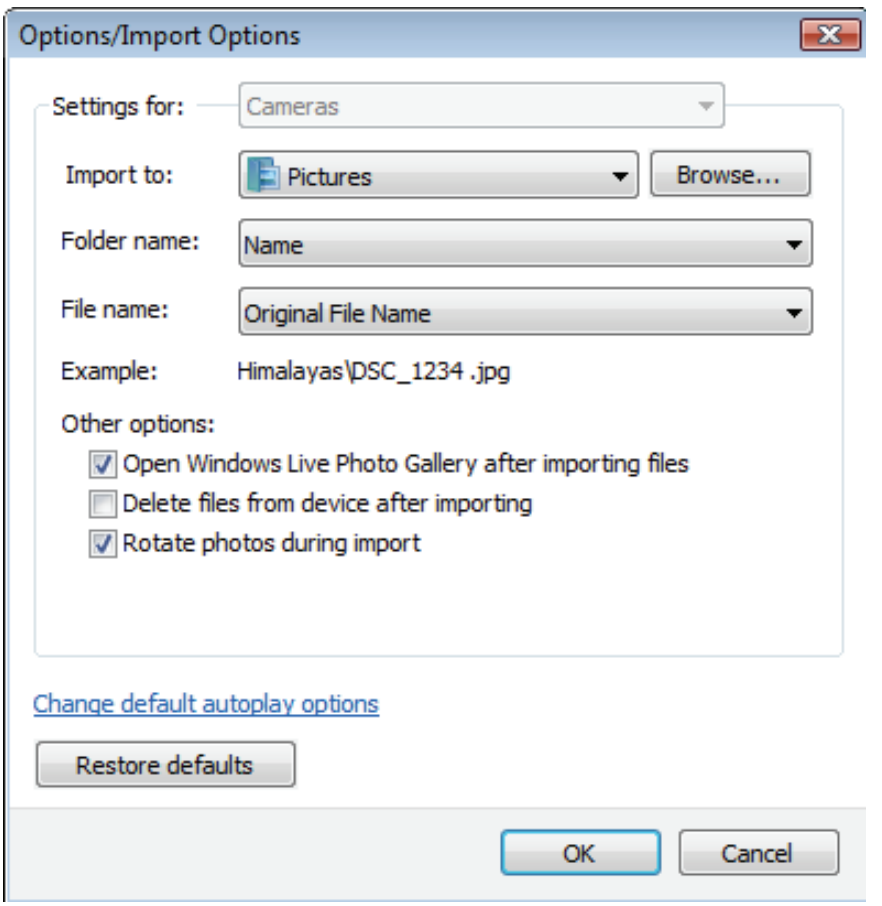
1. Welcome menu will appear. Press “Next”.


Import Photos and Videos
4 new photos and videos were found
Review, organize, and group items to import
Import all new items now
Add tags
More options
Next

2. Select the “Review, organize. And group items to import”.

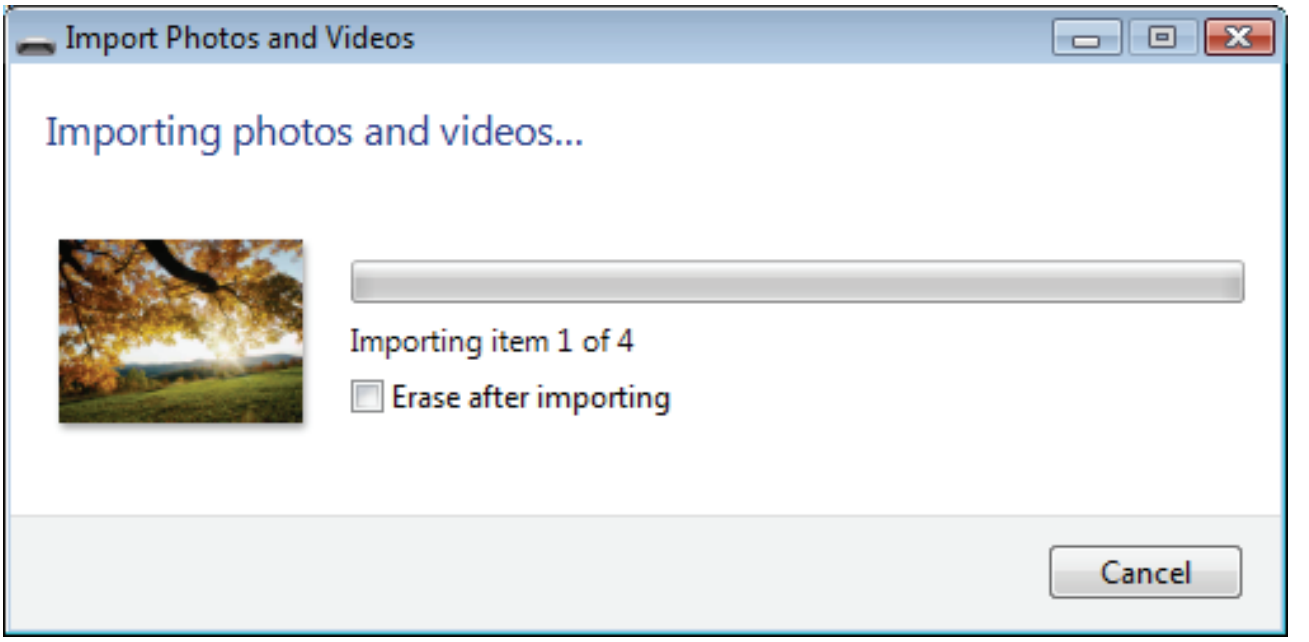

Import Photos and Videos
Select the groups you want to import
4 items selected in 1 group
Your photos and videos are grouped by date and time. Each group will be saved to a different folder. Get help with this
Select all
Enter a name
2/11/2006, 10:37 PM
Add tags
Collapse all
Adjust groups:
More options
Back
Import

3. Press on “More options” to select the directory where you want your files saved.



4. Press “OK”

5. Press “Import” to start transfer image to your computer.



6. Your files will now start transferring. When finished, you can review your photos in Windows Live Photo Gallery.

TROUBLESHOOTING

Problem	Solution
I cannot upload images to the PC	Check all cable connections are secured.
	Set the camera to MSDC mode.
I press the shutter button but no response.	Wait for data process to complete and then take your next image. Or Delete some images in SD/MMC card, if the memory is full.
The product does not respond	Press the reset button with a pin, and then turn on the product again.
When I charge the	When recording in car mode it

camera in the car is goes to MSDC mode	cannot be charged at the same time
Camera did not record any sound	If the camera is inside the waterproof case then there would be no sound.